

Datasheet for ABIN6242582  
**anti-RAB18 antibody (AA 1-206)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	200 µL
Target:	RAB18
Binding Specificity:	AA 1-206
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RAB18 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This RAB18 antibody is generated from a mouse immunized with a recombinant protein of human RAB18.
Clone:	1573CT811-119-39
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

## Target Details

Target:	RAB18
Alternative Name:	RAB18 ( <a href="#">RAB18 Products</a> )
Background:	Plays a role in apical endocytosis/recycling. May be implicated in transport between the plasma

Target Details

	membrane and early endosomes. Plays a key role in eye and brain development and neurodegeneration.
Molecular Weight:	22977
UniProt:	<a href="#">Q9NP72</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

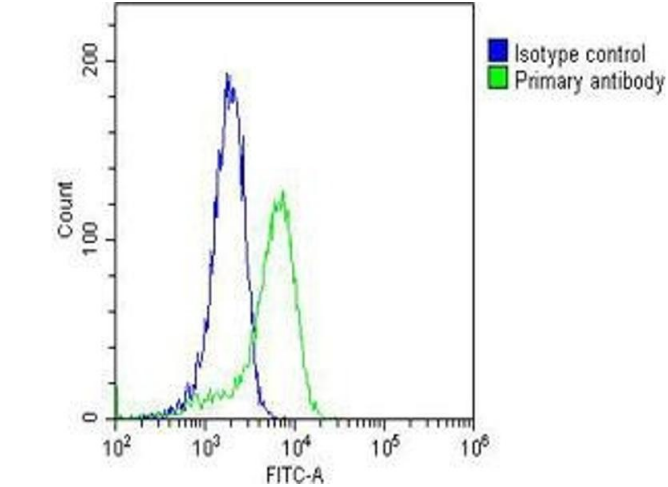
Application Details

Application Notes:	WB: 1:500-1:2000. FC: 1:25
Restrictions:	For Research Use only

Handling

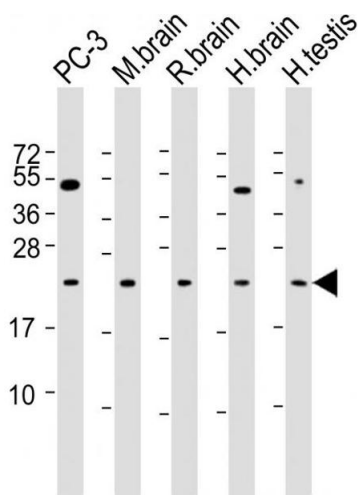
Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Images



Flow Cytometry

**Image 1.** Overlay histogram showing PC-3 cells stained with (ABIN6242582 and ABIN6577145)(green line). The cells were fixed with 2 % paraformaldehyde (10 min). The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6242582 and ABIN6577145), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Mouse IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OJ192088) at 1/200 dilution for 40 min at 37 °C.



Isotype control antibody (blue line) was mouse IgG1 (1  $\mu$ g/ $1 \times 10^6$  cells) used under the same conditions. Acquisition of >10,000 events was performed.

Western Blotting

**Image 2.** All lanes : Anti-RAB18 Antibody at 1:500-1:2000 dilution Lane 1: PC-3 whole cell lysate Lane 2: mouse brain lysate Lane 3: rat brain lysate Lane 4: human brain lysate Lane 5: human testis lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.